

ABSTRACT

A simulation system that simulates a customer premises is disclosed that is tunable. The simulation system is comprised of a communication media simulator system and a device simulator system. The communication media simulator system receives a service provider signal from a service provider. The communication media simulator system applies a load to the service provider signal to simulate a length of communication media. The communication media simulator system varies the load to adjust the length of communication media simulated. The device simulator system applies a second load to the service provider signal to simulate at least one customer premises device.